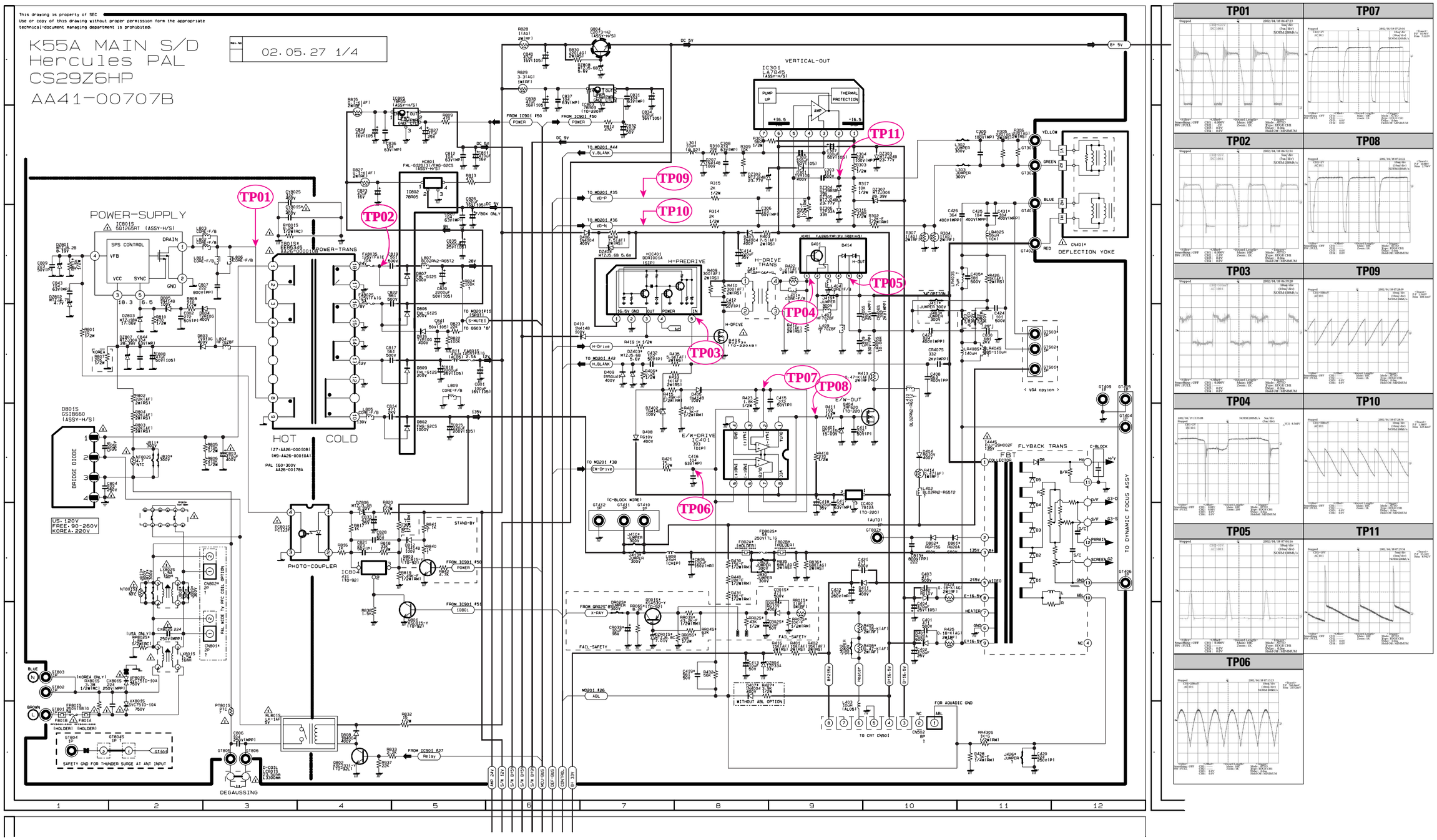
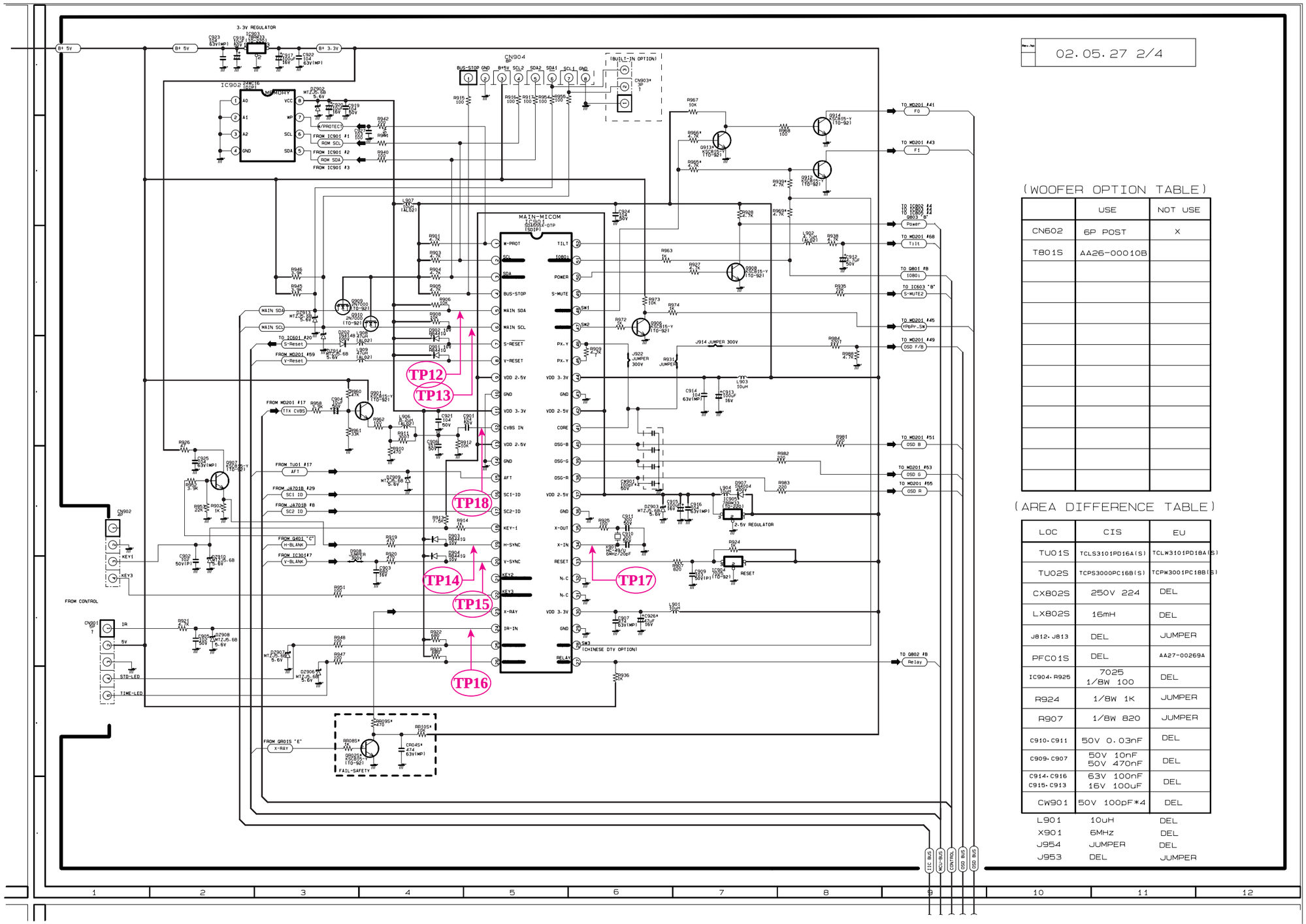
9. Schematic Diagrams

9-1 MAIN 1



9-2 MAIN 2



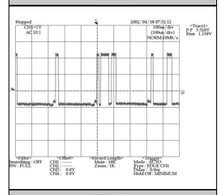
(WOOFER OPTION TABLE)

	USE	NOT USE
CN602	6P POST	X
T801S	AA26-00010B	

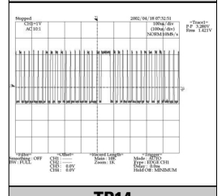
(AREA DIFFERENCE TABLE)

LOC	CIS	EU
TU01S	TCLS3101PD16A(S)	TCLW3101PD18A(S)
TU02S	TCPS3000PC16B(S)	TCPW3001PC18B(S)
CX802S	250V 224	DEL
LX802S	16mH	DEL
J812, J813	DEL	JUMPER
PFC01S	DEL	AA27-00269A
IC904, R925	7025 1/8W 100	DEL
R924	1/8W 1K	JUMPER
R907	1/8W 820	JUMPER
C910, C911	50V 0.03nF	DEL
C909, C907	50V 10nF 50V 470nF	DEL
C914, C916 C915, C913	63V 100nF 16V 100uF	DEL
CW901	50V 100pF*4	DEL
L901	10uH	DEL
X901	6MHz	DEL
J954	JUMPER	DEL
J953	DEL	JUMPER

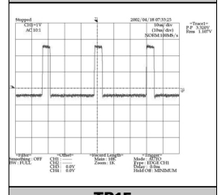
TP12



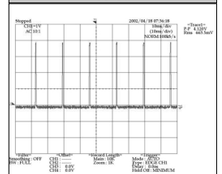
TP13



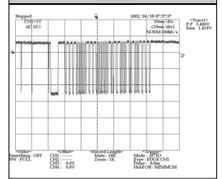
TP14



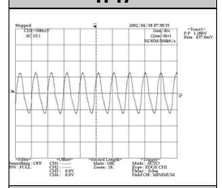
TP15



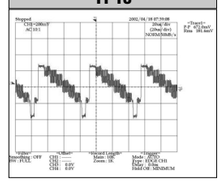
TP16



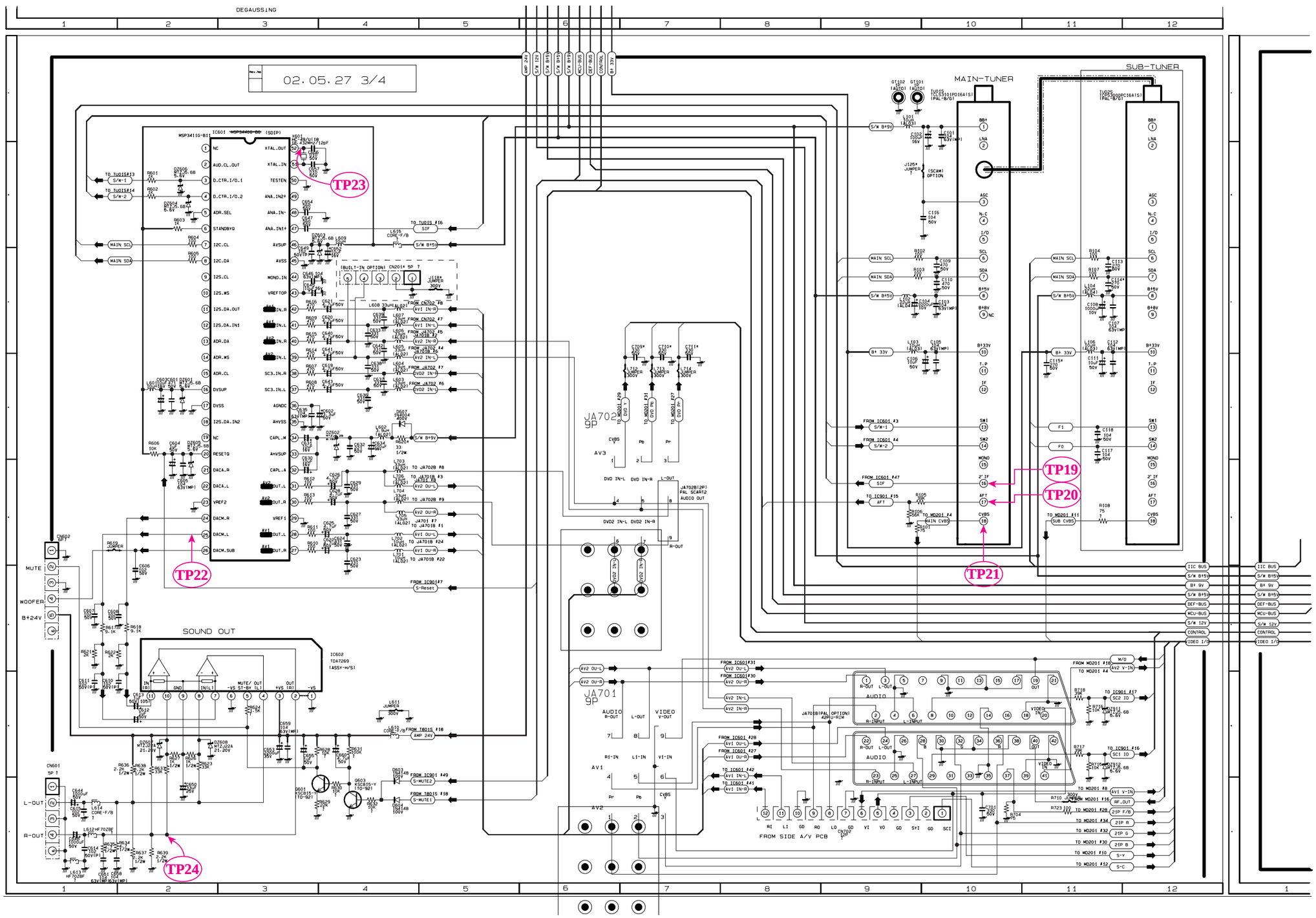
TP17

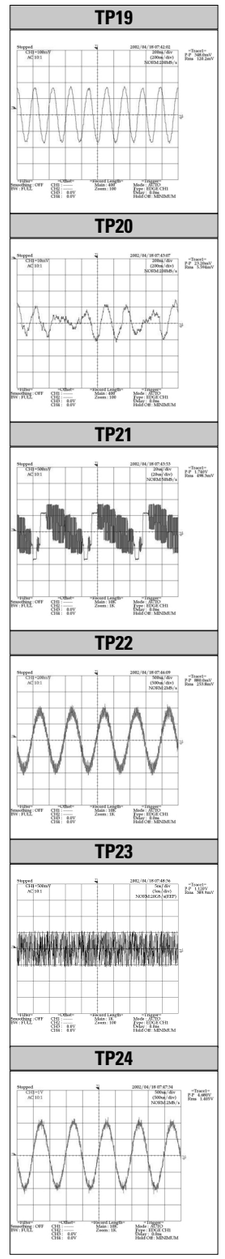


TP18

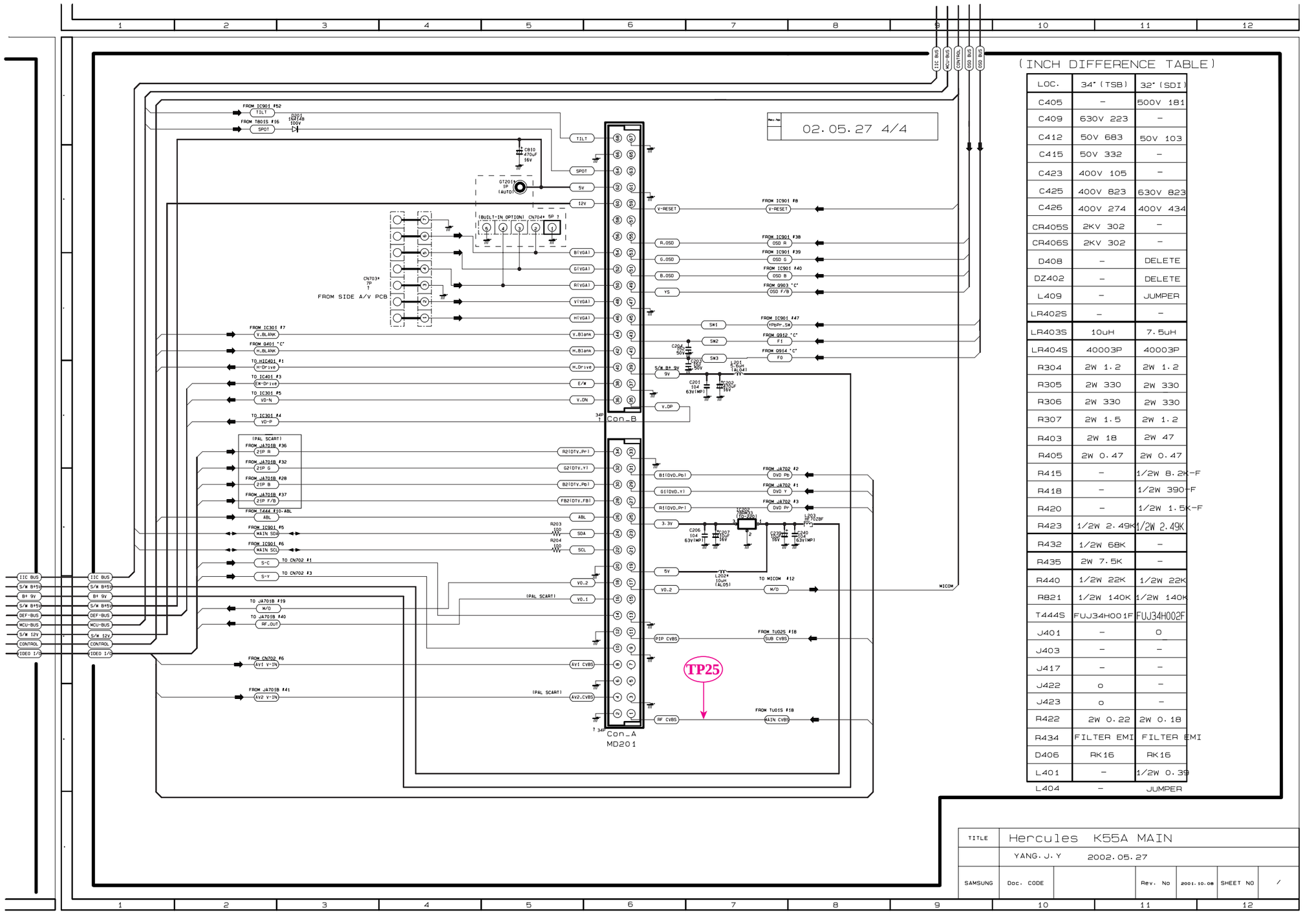


9-3 MAIN 3


DEGAUSSING
02.05.27 3/4
MAIN-TUNER
SUB-TUNER
IC601 MSP3411G-B8 (SDIP)
IC602 TDA7269 (ASSY-H/S)
JA702 9P
JA701 9P
TP19
TP20
TP21
TP22
TP23
TP24
SOUND OUT
FROM SIDE A/V PCB

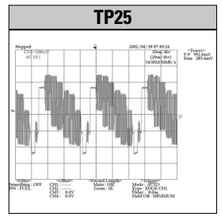

TP19
TP20
TP21
TP22
TP23
TP24

9-4 MAIN 4



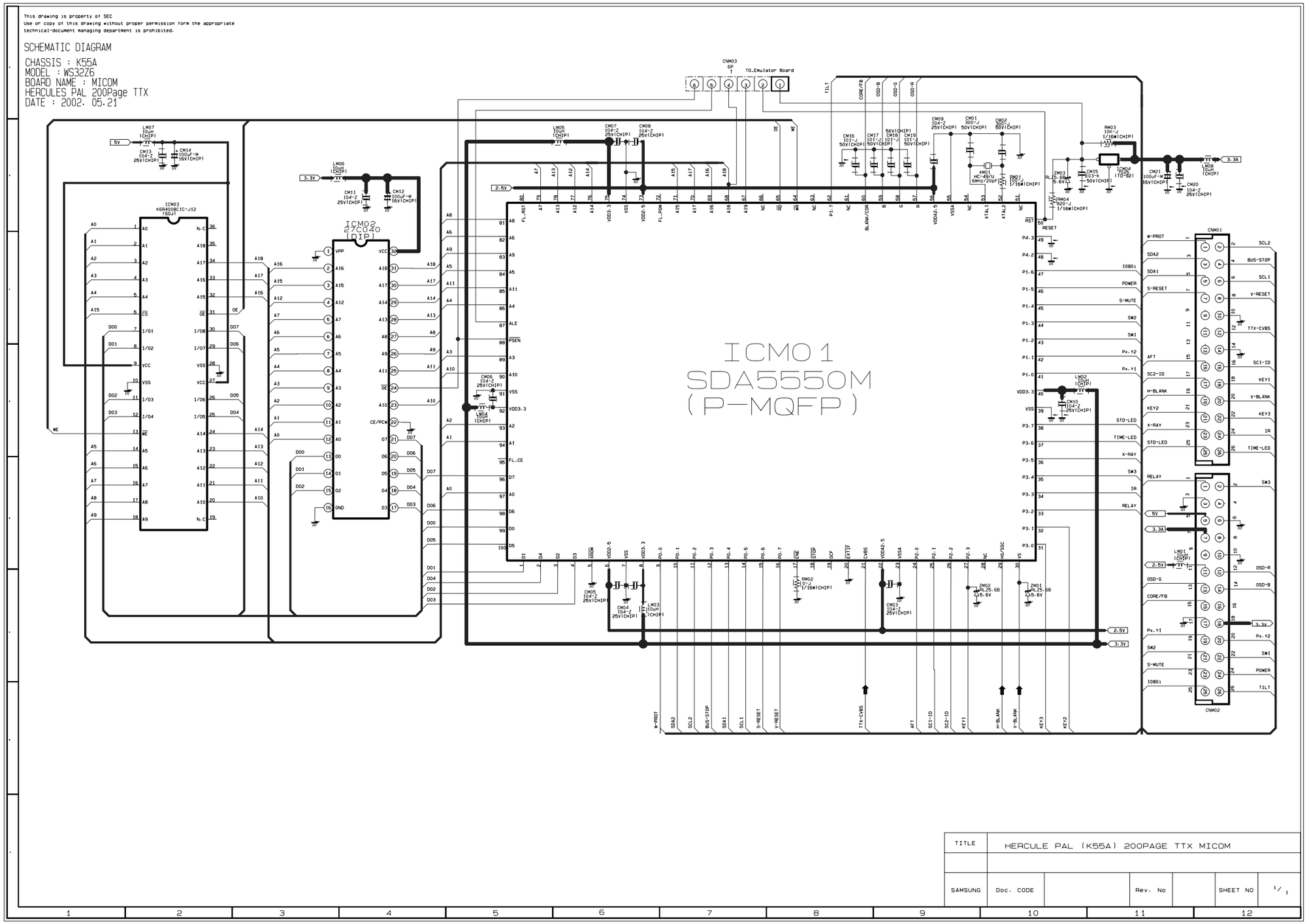
(INCH DIFFERENCE TABLE)

LOC.	34"(TSB)	32"(SDI)
C405	-	500V 181
C409	630V 223	-
C412	50V 683	50V 103
C415	50V 332	-
C423	400V 105	-
C425	400V 823	630V 823
C426	400V 274	400V 434
CR405S	2KV 302	-
CR406S	2KV 302	-
D408	-	DELETE
DZ402	-	DELETE
L409	-	JUMPER
LR402S	-	-
LR403S	10uH	7.5uH
LR404S	40003P	40003P
R304	2W 1.2	2W 1.2
R305	2W 330	2W 330
R306	2W 330	2W 330
R307	2W 1.5	2W 1.2
R403	2W 18	2W 47
R405	2W 0.47	2W 0.47
R415	-	1/2W 8.2K-F
R418	-	1/2W 390-F
R420	-	1/2W 1.5K-F
R423	1/2W 2.49K	1/2W 2.49K
R432	1/2W 68K	-
R435	2W 7.5K	-
R440	1/2W 22K	1/2W 22K
R821	1/2W 140K	1/2W 140K
T444S	FUJ34H001F	FUJ34H002F
J401	-	O
J403	-	-
J417	-	-
J422	O	-
J423	O	-
R422	2W 0.22	2W 0.18
R434	FILTER EMI	FILTER EMI
D406	RK16	RK16
L401	-	1/2W 0.39
L404	-	JUMPER



TITLE	Hercules K55A MAIN					
	YANG.J.Y 2002.05.27					
SAMSUNG	Doc. CODE		Rev. No	2001.10.08	SHEET NO	/

9-5 MICOM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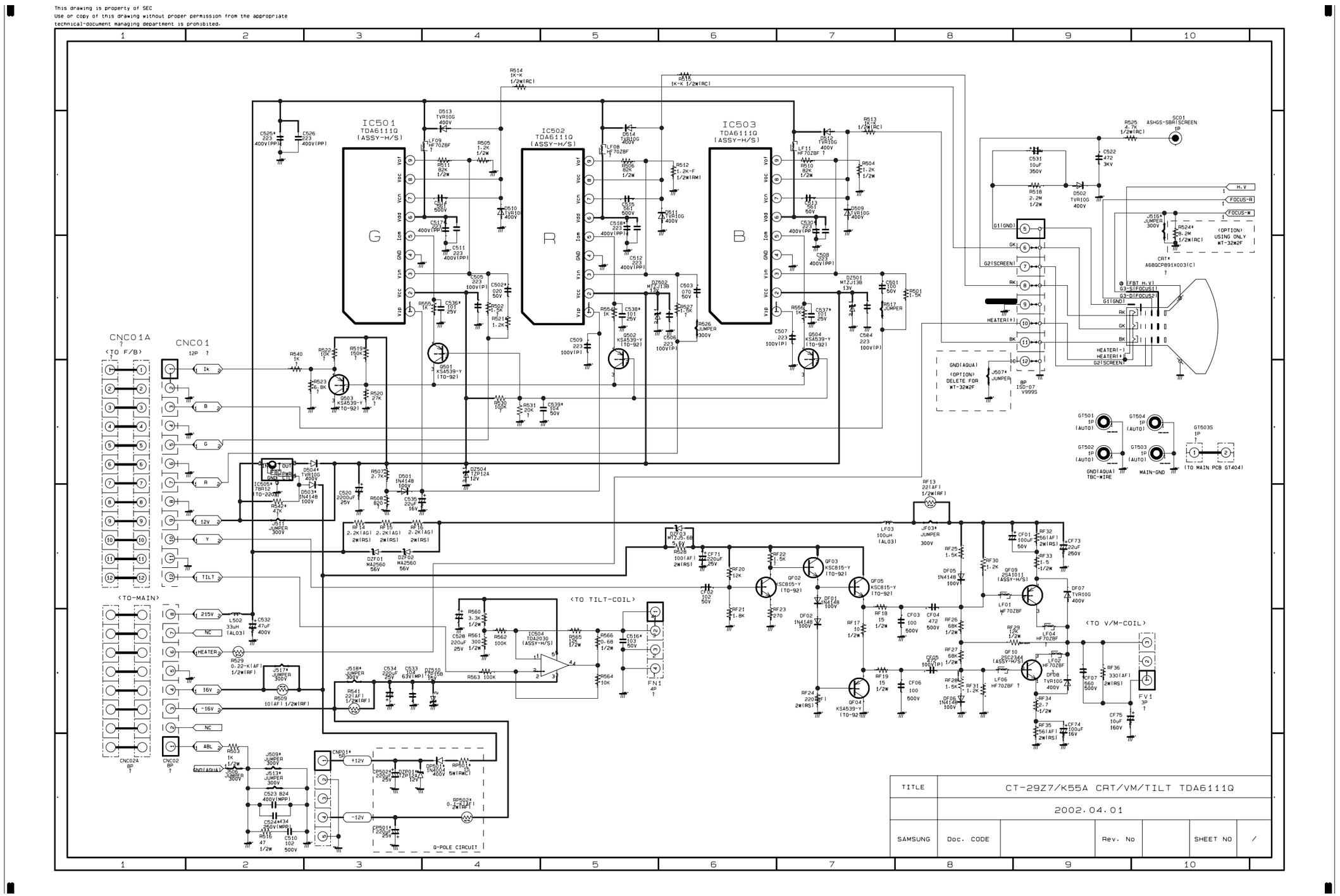
technical-document managing department is prohibited.
SCHEMATIC DIAGRAM
CHASSIS : K55A
MODEL : WS32Z6
BOARD NAME : MICOM
HERCULES PAL 200Page TTX
DATE : 2002. 05.21
ICM01
SDA5550M
(P-MQFP)
ICM02
27C020
(DIP)
ICM03
K6R4008C1C-JI2
(SOJ)
CNM03
6P
TO.Emulator Board
CNM01
CNM02
TITLE
HERCULE PAL (K55A) 200PAGE TTX MICOM
SAMSUNG
Doc. CODE
Rev. No
SHEET NO
1/1

9-6 CRT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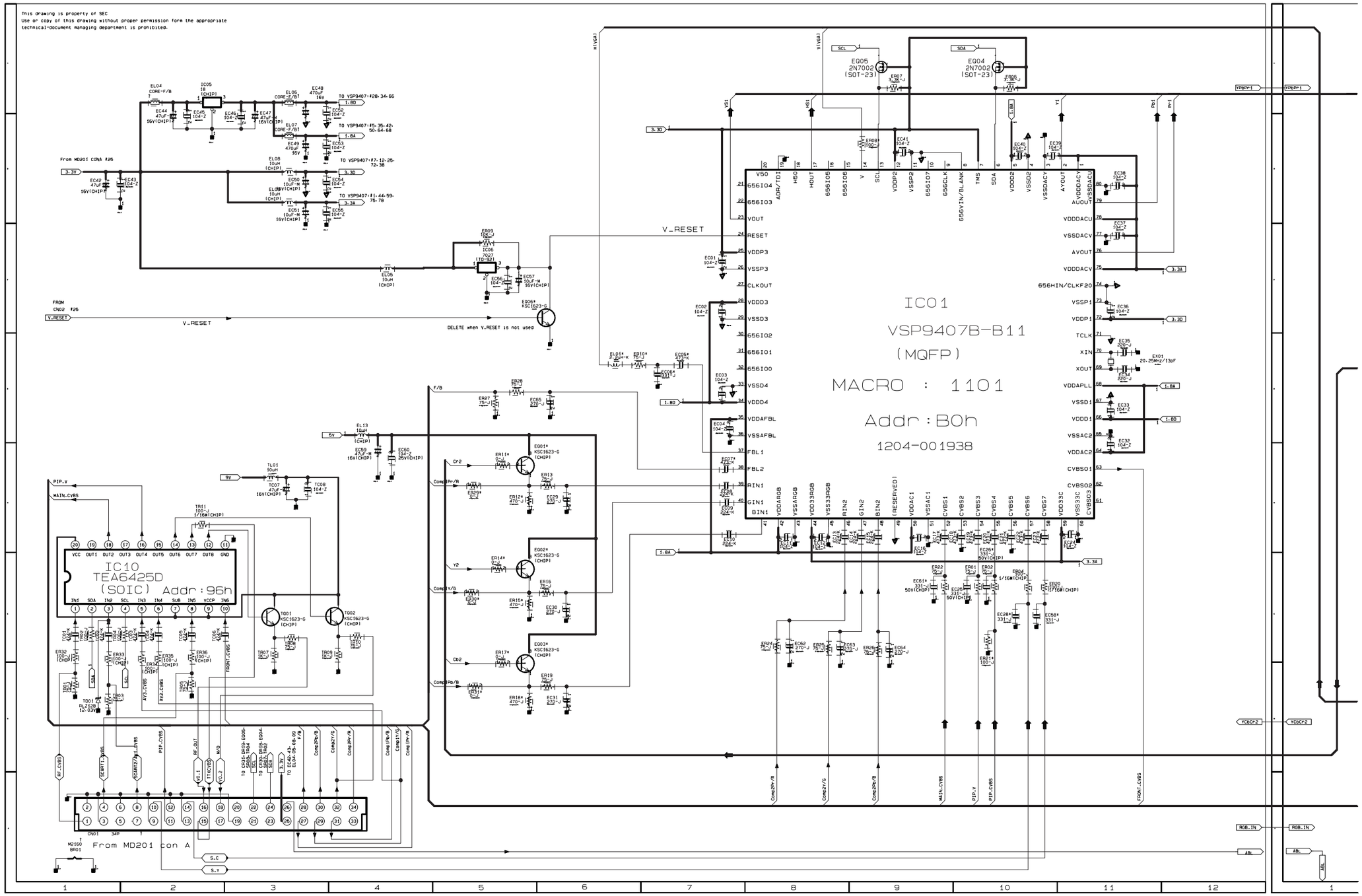
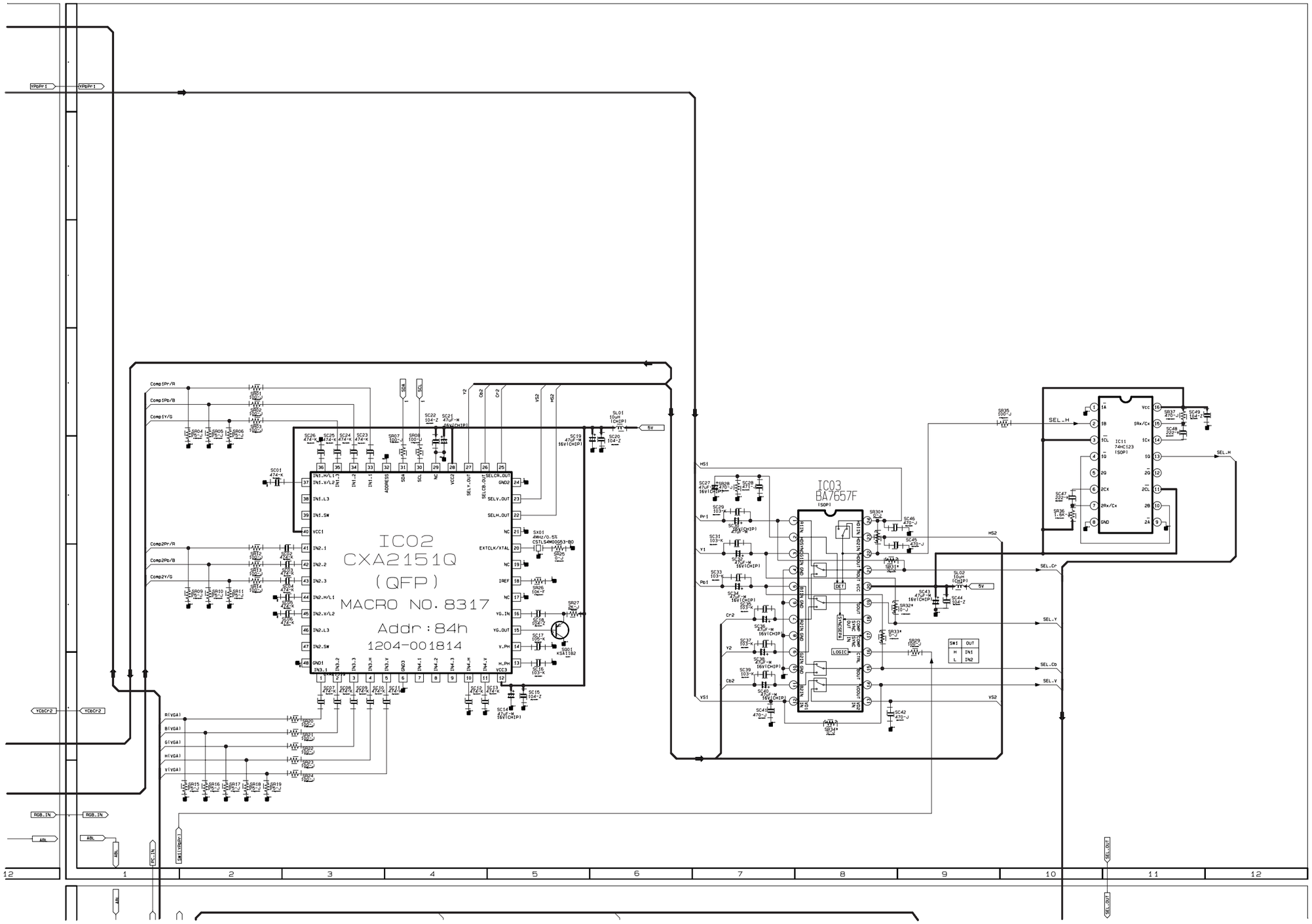
technical-document managing department is prohibited.
IC501 TDA6111Q (ASSY-H/S)
IC502 TDA6111Q (ASSY-H/S)
IC503 TDA6111Q (ASSY-H/S)
G
R
B
CNC01A
CNC01
CNC02A
CNC02
<TO F/B>
<TO-MAIN>
<TO TILT-COIL>
<TO V/M-COIL>
IC504 TDA2030 (ASSY-H/S)
IC505* 78R12 (TO-220)
Q-POLE CIRCUIT
CRT* A68QCP891X003(C)
<OPTION> USING ONLY WT-32W2F
<OPTION> DELETE FOR WT-32W2F
TITLE
CT-29Z7/K55A CRT/VM/TILT TDA6111Q
2002.04.01
SAMSUNG
Doc. CODE
Rev. No
SHEET NO

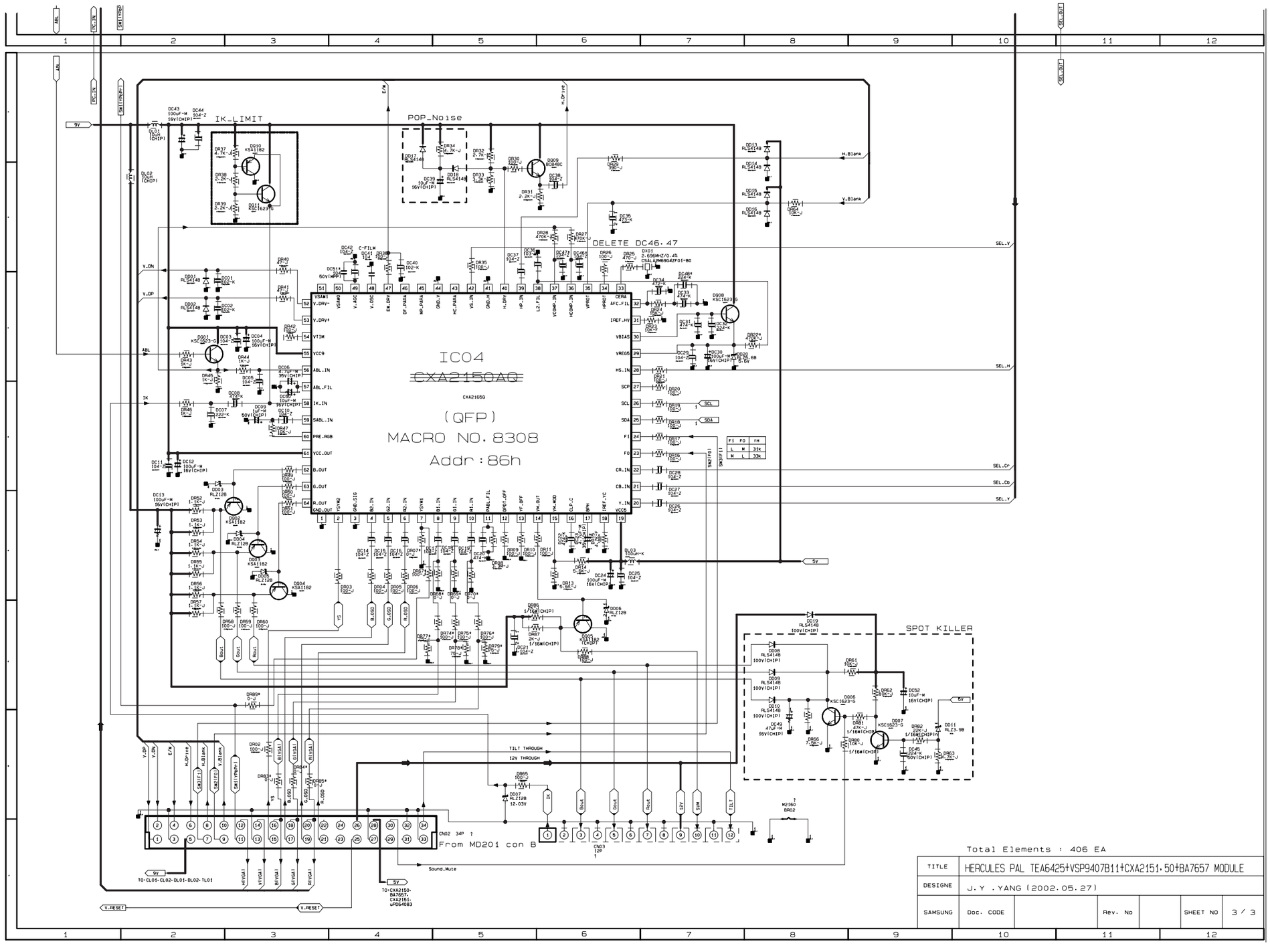
9-7 F-BOX 1


This drawing is property of SEC
Use or copy of this drawing without proper permission form the appropriate
technical-document managing department is prohibited.
IC01
VSP9407B-B11
(MQFP)
MACRO : 1101
Addr : B0h
1204-001938
IC10
TEA6425D
(SOIC) Addr : 96h
V_RESET
DELETE when V_RESET is not used
From MD201 CON A #25
From MD201 con A
PIP_V
MAIN.CVBS
FRONT.CVBS
RGB.IN
YCDCr2
S_C
S_Y

9-8 F-BOX 2


IC02
CXA2151Q
(QFP)
MACRO NO. 8317
Addr : 84h
1204-001814
IC03
BA7657F
(SOP)
IC11
74HC123
(SOP)
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
SW9
SW10
SW11
SW12
SW13
SW14
SW15
SW16
SW17
SW18
SW19
SW20
SW21
SW22
SW23
SW24
SW25
SW26
SW27
SW28
SW29
SW30
SW31
SW32
SW33
SW34
SW35
SW36
SW37
SW38
SW39
SW40

9-9 F-BOX 3


IK_LIMIT
POP_Noise
DELETE DC46.47
IC04
CXA2150AQ
CXA2165Q
(QFP)
MACRO NO. 8308
Addr : 86h
SPOT KILLER
TILT THROUGH
12V THROUGH
From MD201 con B
CN02 34P
CN03
Sound_Mute
Total Elements : 406 EA
HERCULES PAL TEA6425+VSP9407B11+CXA2151.50+BA7657 MODULE
J.Y .YANG (2002.05.27)
SAMSUNG
Doc. CODE
Rev. No
SHEET NO
3 / 3

9-10 CONTROL

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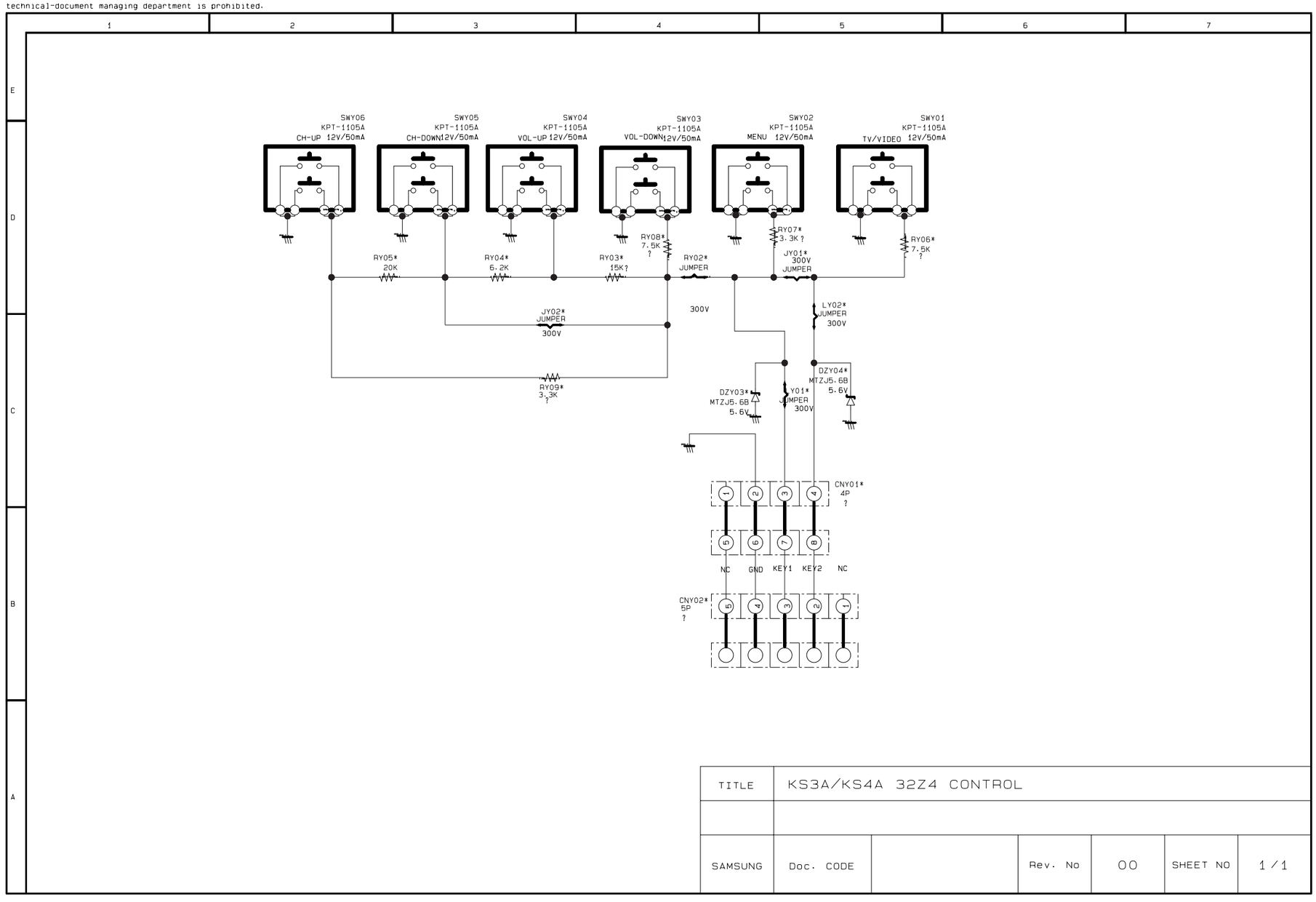

9-11 A/V SIDE

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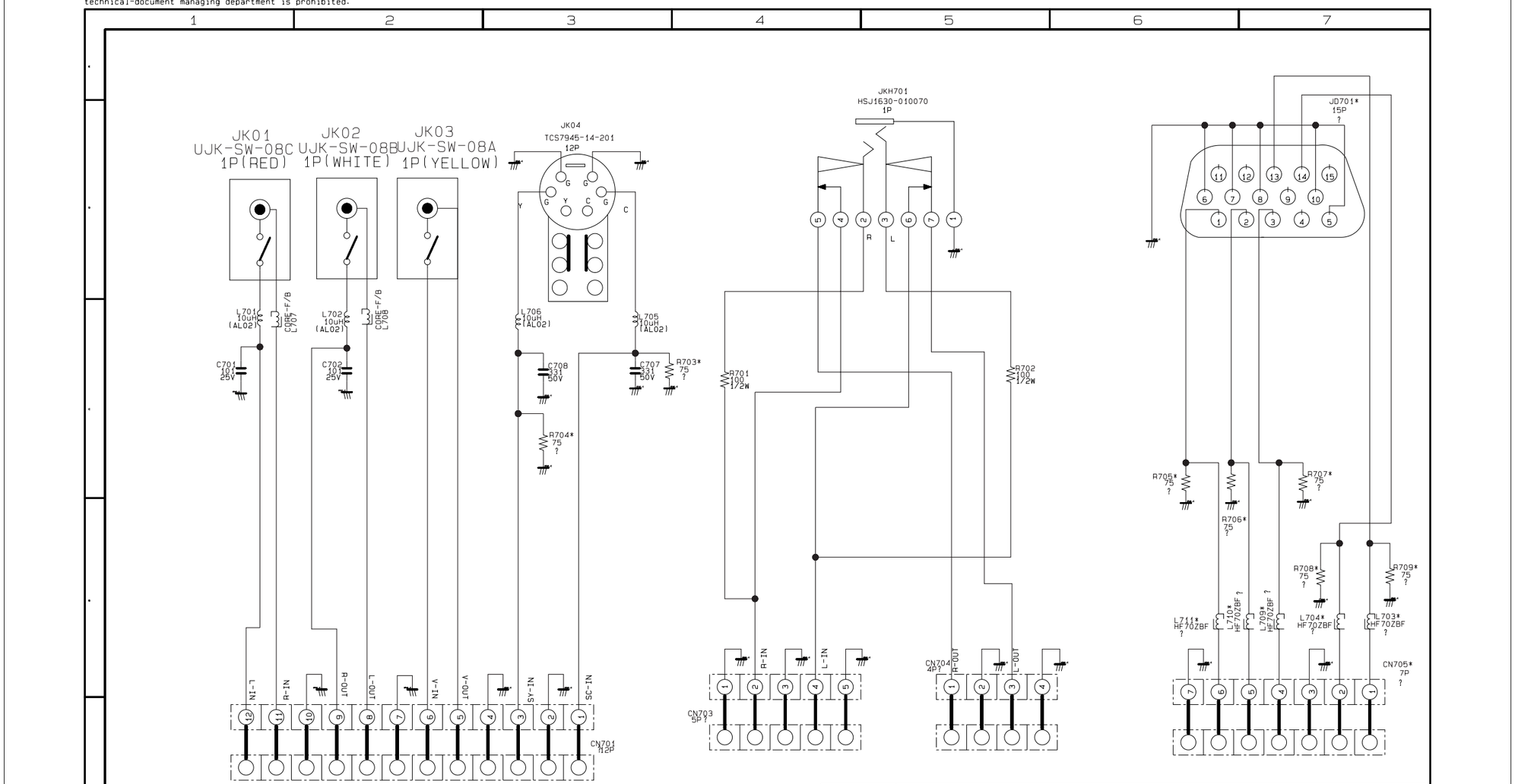

9-12 LED

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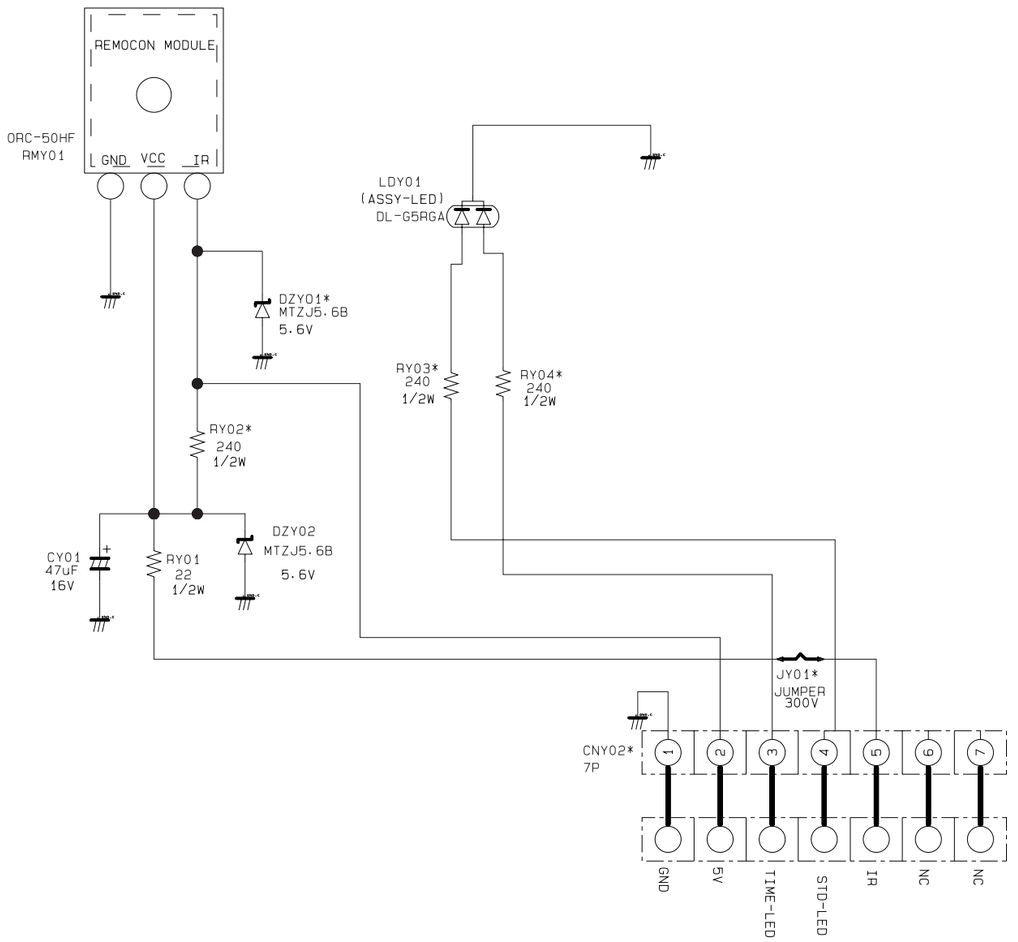

TITLE	AMADEUS LED MODULE						
SAMSUNG	Doc. CODE		Rev. No	00	SHEET NO	1/1	

1 2 3 4 5 6